

## Erratum

# Erratum to “An Updated Review of the Molecular Mechanisms in Drug Hypersensitivity”

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In the article titled “An Updated Review of the Molecular Mechanisms in Drug Hypersensitivity” [1], the format of Table 1 was unclear. Additionally, “B\*38:01 SJS/TEN Spanish [231]” should belong to Phenytoin not Carbamazepine. The updated table is shown below.

TABLE 1: HLA association with various phenotypes of drug hypersensitivity in different populations.

Associated drug	HLA allele	Hypersensitivity reactions	Ethnicity	Reference
<i>Aromatic anticonvulsants</i>				
Carbamazepine	<i>B* 15:02</i>	SJS/TEN	Han Chinese, Thai, Indian, Malaysian, Vietnam, Singapore, Hong Kong	[45, 82, 83, 226–230]
	<i>A* 31:01</i>	DRESS	Han Chinese, European, Spanish	[86, 87, 231]
	<i>A* 31:01</i>	DRESS/SJS/TEN	Northern European, Japanese, Korean	[88–90]
	<i>B* 15:11</i>	SJS/TEN	Han Chinese, Japanese, Korean,	[89, 232, 233]
Oxcarbazepine	<i>B* 59:01</i>	SJS/TEN	Japanese	[234]
	<i>B* 15:02</i>	SJS/TEN	Han Chinese, Thai	[81, 84]
	<i>B* 15:02</i>	SJS/TEN	Han Chinese, Thai	[81, 83]
	<i>B* 15:02, B* 13:01, B* 51:01</i>	SJS/TEN	Han Chinese, Japanese, Malaysian	[91]
Phenytoin	<i>A* 33:03, B* 38:02, B* 51:01, B* 56:02, B* 58:01, C* 14:02</i>	SJS/TEN	Thai	[235]
	<i>B* 51:01</i>	DRESS	Thai	[235]
	<i>B* 15:13</i>	DRESS/SJS/TEN	Malaysian	[236]
	<i>CYP2C9* 3</i>	DRESS/SJS/TEN	Han Chinese, Japanese, Malaysian	[91]
Lamotrigine	<i>CYP2C9* 3</i>	SJS/TEN	Thai	[235]
	<i>B* 15:02</i>	SJS/TEN	Han Chinese	[81, 85, 237]
	<i>B* 38, B* 58:01, A* 68:01, Cw* 07:18</i>	SJS/TEN	European	[93, 238]
	<i>B* 38:01</i>	SJS/TEN	Spanish	[231]
	<i>A* 31:01</i>	SJS/TEN	Korean	[239]
	<i>A* 24:02</i>	DRESS	Spanish	[231]
<i>Allopurinol</i>	<i>B* 58:01</i>	DRESS	Han Chinese, Thai, Japanese, Korean, European	[92–96]
<i>Antiretroviral drugs</i>				
Abacavir	<i>B* 57:01</i>	HSS	European, African	[98, 99]
	<i>DRB1* 01:01</i>	DRESS	Australian	[240]
	<i>B* 35:05</i>	DRESS	Thai	[101]
Nevirapine	<i>B* 14:02, Cw* 08:01, Cw* 08:02</i>	HSS	Sardinian, Japanese	[102, 241]
	<i>C* 04:01</i>	DRESS/SJS/TEN	Malawian	[242]
<i>Antibiotics</i>				
Beta-Lactam	<i>DR9, DR14.1, DR17, DR4</i>	Immediate type drug hypersensitivity	Chinese	[243]
	<i>DRA rs7192, DRA rs8084</i>	Immediate type drug hypersensitivity	Spanish, Italian	[66]
Cotrimoxazole	<i>B* 15:02, C* 06:02, C* 08:01</i>	SJS/TEN	Thai	[244]
Dapsone	<i>B* 13:01</i>	HSS	Han Chinese	[105]
Sulfamethoxazole	<i>B* 38:02</i>	SJS/TEN	European	[93]
Sulfonamide	<i>A* 29, B* 12, DR* 7</i>	TEN	European	[245]
<i>NSAIDs</i>				
Aspirin	<i>DRB1* 13:02, DRB1* 06:09</i>	Urticaria/angioedema	Korean	[74]
Aspirin and other NSAIDs	<i>DRB1* 11</i>	Urticaria/angioedema and hypotension/laryngeal edema	Spanish	[246]
Aspirin and other NSAIDs	<i>B* 44, Cw* 5</i>	Chronic idiopathic urticaria	Italian	[75]
Oxicam NSAIDs	<i>B* 73:01</i>	SJS/TEN	European	[93]

TABLE 1: Continued.

Associated drug	HLA allele	Hypersensitivity reactions	Ethnicity	Reference
<i>Other drugs</i>				
Methazolamide	<i>B* 59:01, CW* 01:02</i>	SJS/TEN	Korean, Japanese	[108]

DRESS: drug reaction with eosinophilia and systemic symptoms; HSS: hypersensitivity syndrome; MPE: maculopapular exanthema; NSAIDs: nonsteroidal anti-inflammatory drugs; SJS: Stevens-Johnson syndrome; TEN: toxic epidermal necrolysis.

## References

- [1] C.-B. Chen, R. Abe, R.-Y. Pan et al., "An updated review of the molecular mechanisms in drug hypersensitivity," *Journal of Immunology Research*, vol. 2018, Article ID 6431694, 22 pages, 2018.